

DC NODE & AMPLIFIERS



It is just use a double IC double output optical receiver. Only difference is that it operates on DC power supply instead of AC. It reduce complication of power pass system. It is very easy to maintain the co-axial cable line. it uses DC power in cable wire, having no frequency hence very less chance to produce heat inside cable wire. It consume very less power and low heat gives it very long life to cable. Same technology is used for DC AMP also.

DC NODE
DC-41



DC NODE
3IC



FEATURES

- ✳ It covers full range of RF signal band (40 MHz to 860 MHz). It produce very high gain with very low noise. The nature of RF is linear. It maintain 20dB slope and 20dB gain variation using alternator.

MODELS

DC AGC NODE

DC TRIPLE IC NODE

TECHNICAL PARAMETERS

ITEMS	UNITS	DC NODE, FAL & DC NODE MS
OPTICAL PARAMETER		
Received Optical Power Range	dBm	- 12 ~ + 2
Recommended Range	dBm	- 5 ~ +1
Optical Return Loss	dB	>48
Optical Receiving wave length	nm	1100 ~ 1600
Optical Fiber Connector Type		FC/APC, SC/APC (or specified by the user)
LINK PERFORMANCE		
C/N	dB	≥ 55
C/CTB	dB	≥ 67
C/CSO	dB	≥ 60
RF PARAMETER		
Nominal Output Level	dBμv	≥ 110
Maximum Output Level	dBμv	≥ 114
Output Return Loss	dB	≥ 16
Frequency Range	MHz	45 ~ 870
Flatness in Band	dB	± 0.5
Output Impedance	Ω	75
COMMON CHARACTERISTICS		
Supply Voltage	V	DC 35
Operating Temperature	°C	- 30 ~ +65
Storage Temperature	°C	- 30 ~ +70
Relative Humidity	%	Max 95% No Condensation
Power Consumption	VA	≤ 15

DC AMPLIFIER



DC NODE

